

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
 Data File : BP002482.D
 Acq On : 22 Jun 2020 16:21
 Operator : CG/JU
 Sample : PB129678BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129678BL

Quant Time: Jun 22 18:09:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	206528	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	844408	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	528026	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1181609	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1260049	20.00	ng	-0.01
86) Perylene-d12	23.30	264	1372385	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1460900	130.89	ng	0.00
7) Phenol-d6	6.78	99	1919274	129.16	ng	0.00
23) Nitrobenzene-d5	8.73	82	1362935	96.39	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	743229	147.01	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2711665	86.35	ng	0.00
79) Terphenyl-d14	19.59	244	4219065	86.58	ng	0.00

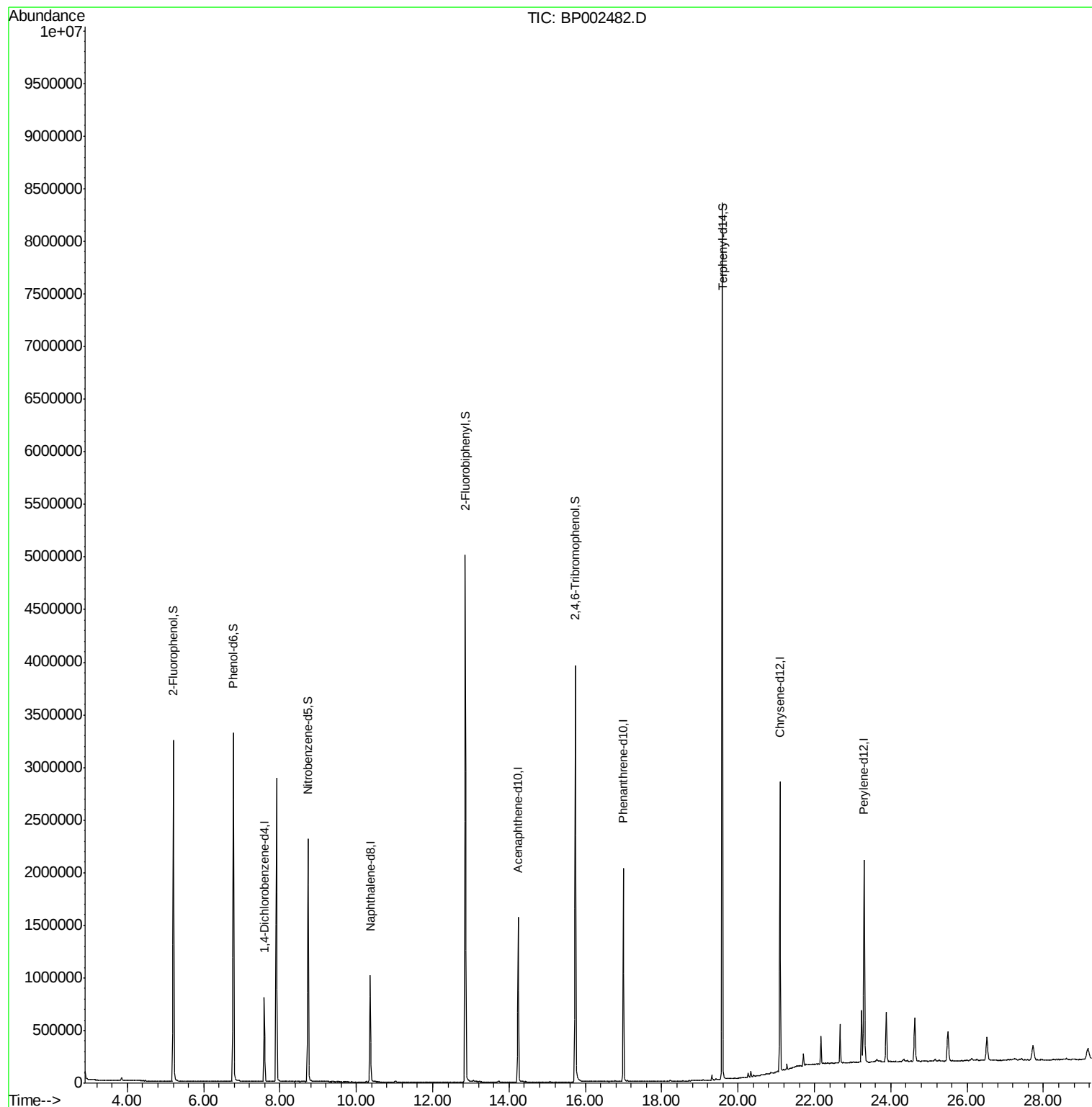
Target Compounds Qvalue

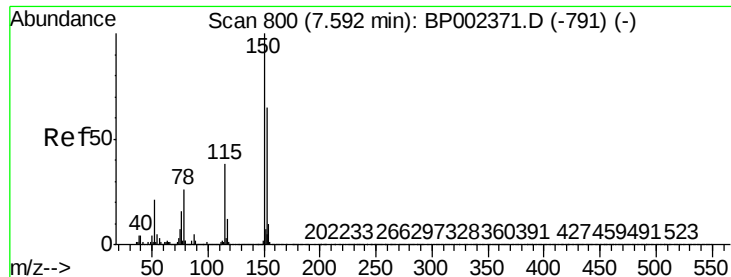
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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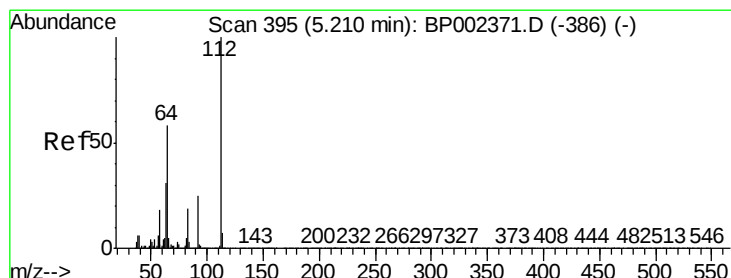
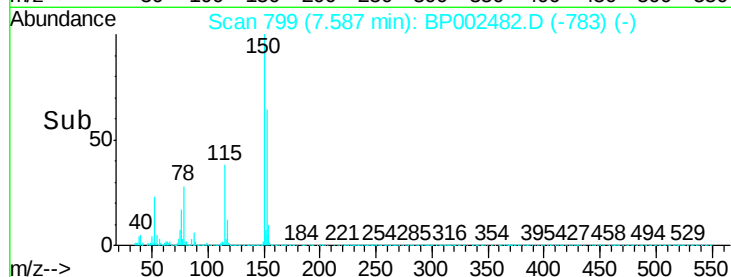
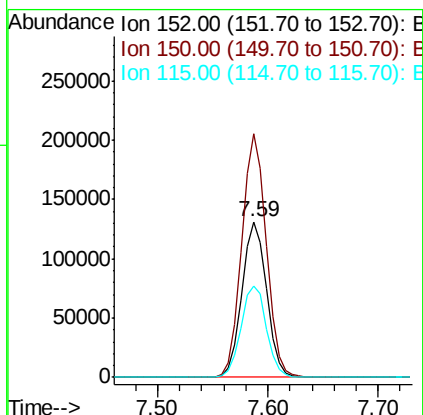
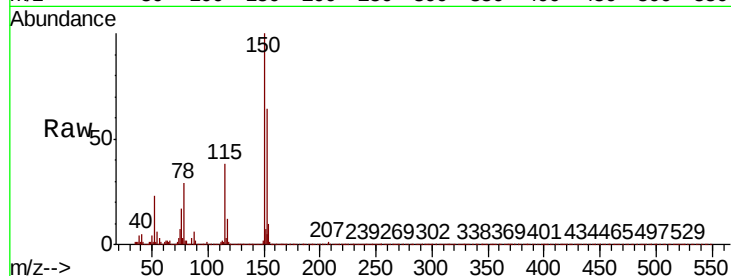


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002482.D
Acq: 22 Jun 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129678BL

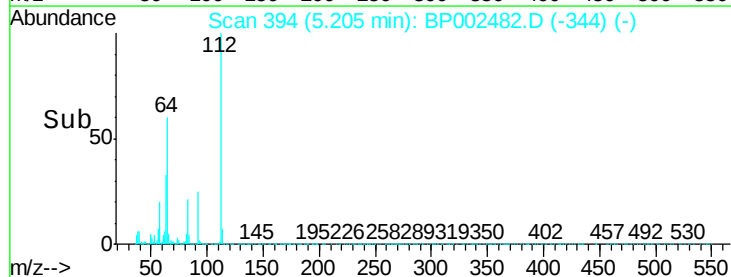
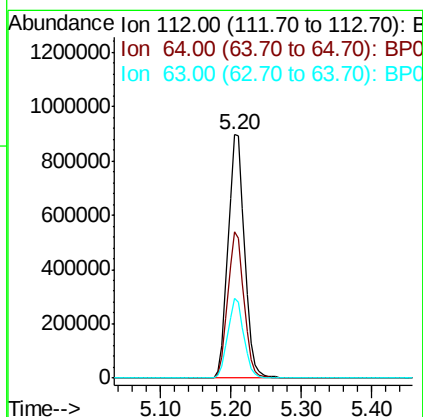
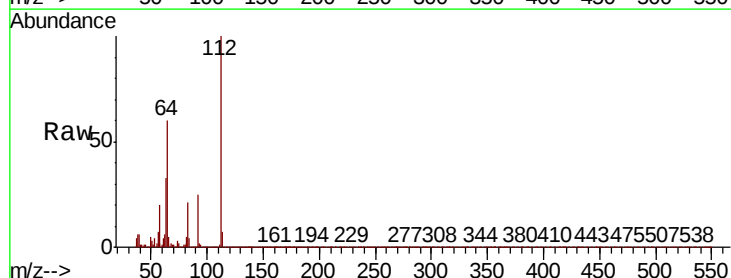
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.0	186.0
115	59.0	47.4	71.0



#5

2-Fluorophenol
Concen: 130.891 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002482.D
Acq: 22 Jun 2020 16:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.3	46.2	69.2
63	33.0	24.5	36.7





#7

Phenol-d6

Concen: 129.158 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002482.D

Acq: 22 Jun 2020 16:21

Instrument :

BNA_P

ClientSampleId :

PB129678BL

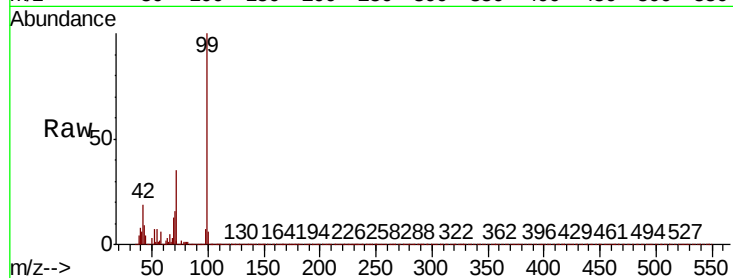
Tot Ion: 99 Resp: 1919274

Ion Ratio Lower Upper

99 100

42 18.7 14.6 22.0

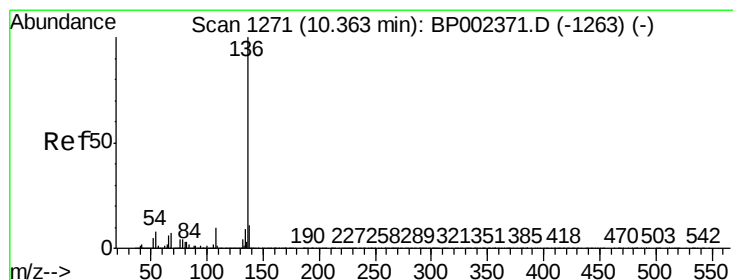
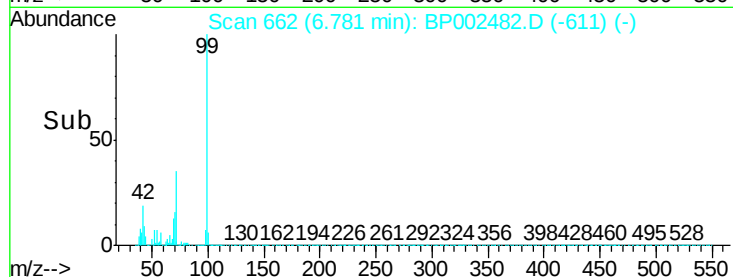
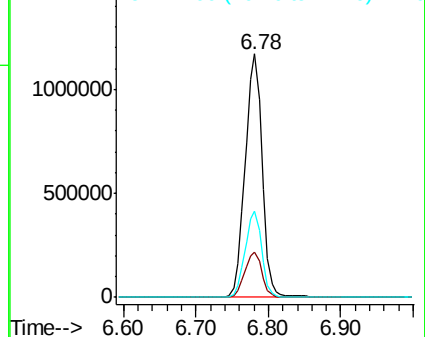
71 35.2 27.2 40.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002482.D

Acq: 22 Jun 2020 16:21

Tgt Ion: 136 Resp: 844408

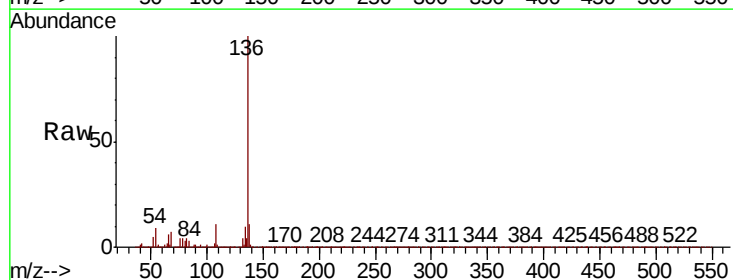
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.7 6.4 9.6

68 6.7 5.6 8.4

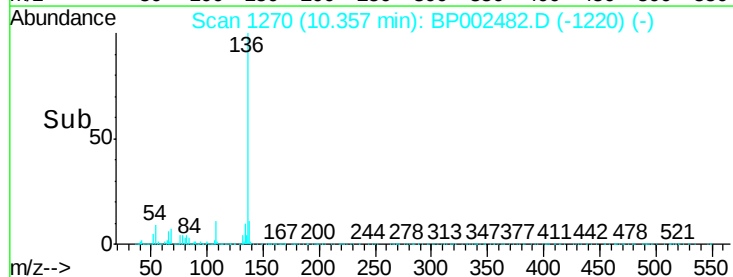
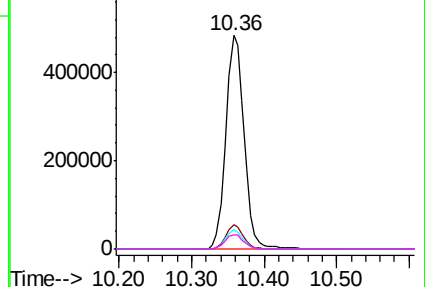


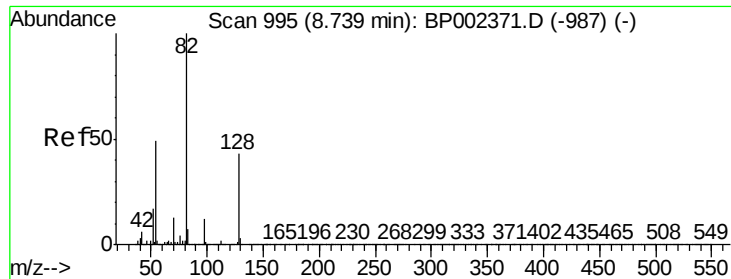
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



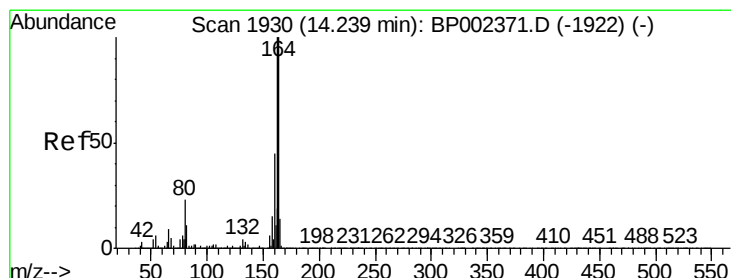
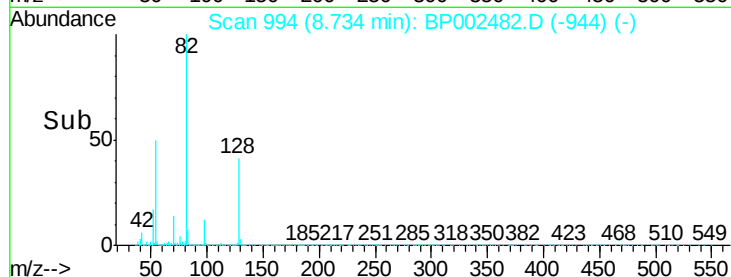
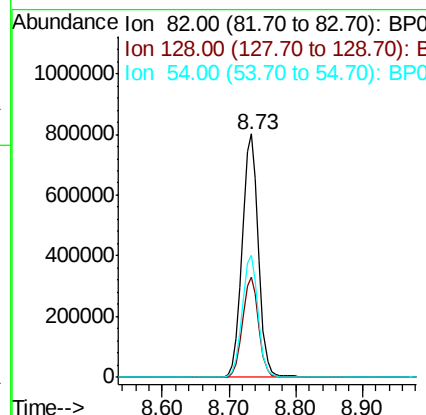
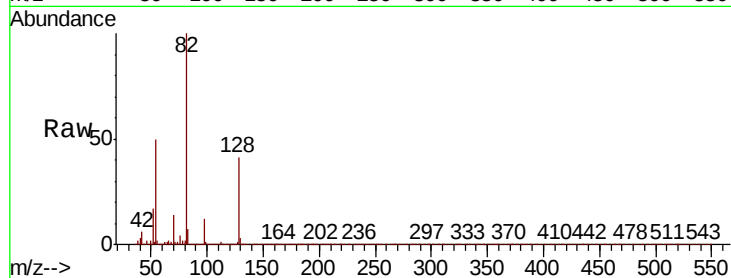


#23
 Nitrobenzene-d5
 Concen: 96.391 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002482.D
 Acq: 22 Jun 2020 16:21

Instrument :
 BNA_P
 ClientSampleId :
 PB129678BL

Tot Ion: 82 Resp: 1362935

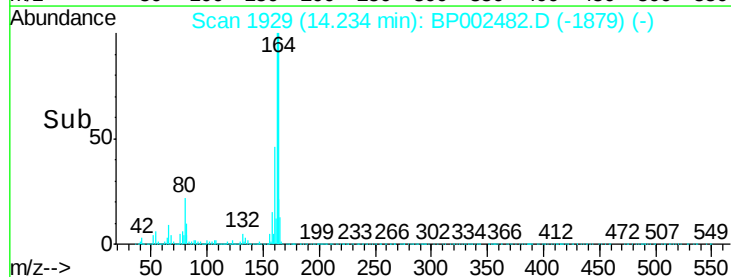
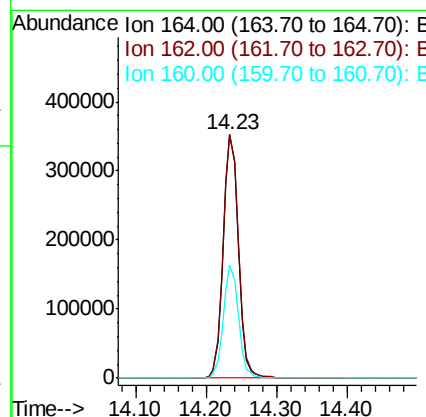
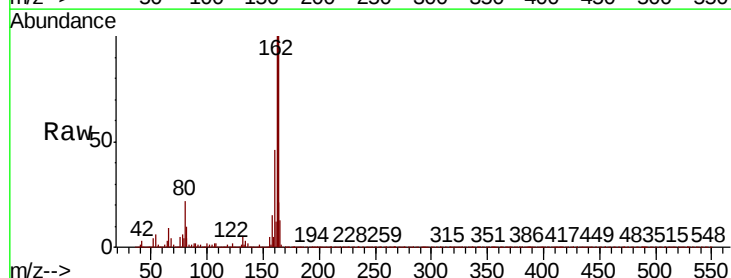
Ion	Ratio	Lower	Upper
82	100		
128	41.3	34.5	51.7
54	49.9	39.4	59.2

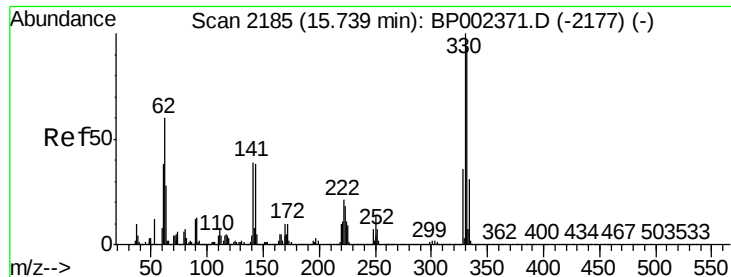


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002482.D
 Acq: 22 Jun 2020 16:21

Tgt Ion: 164 Resp: 528026

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.8	119.8
160	46.2	36.2	54.2

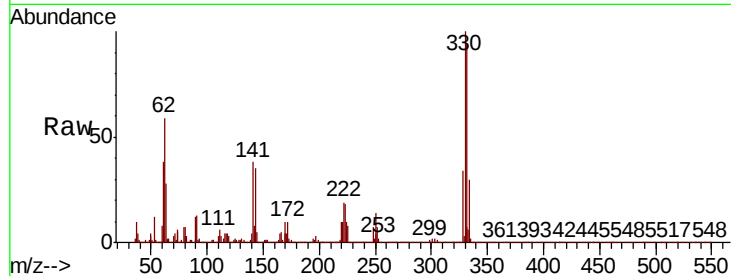




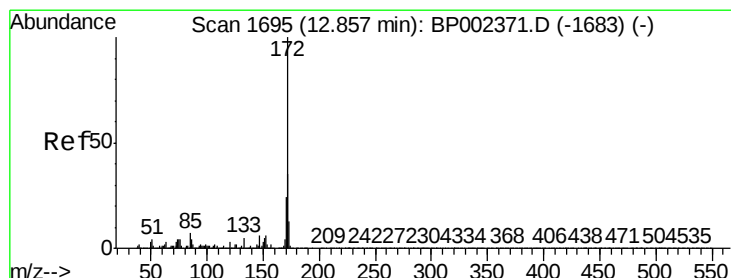
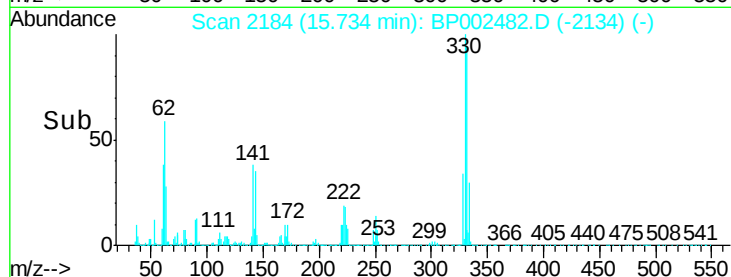
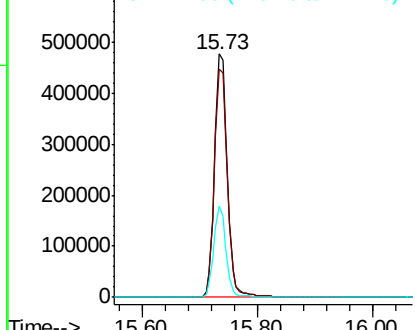
#42
2,4,6-Tribromophenol
Concen: 147.015 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002482.D
Acq: 22 Jun 2020 16:21

Instrument :
BNA_P
ClientSampleId :
PB129678BL

Tot Ion:330 Resp: 743229
Ion Ratio Lower Upper
330 100
332 95.4 76.6 115.0
141 36.4 30.3 45.5

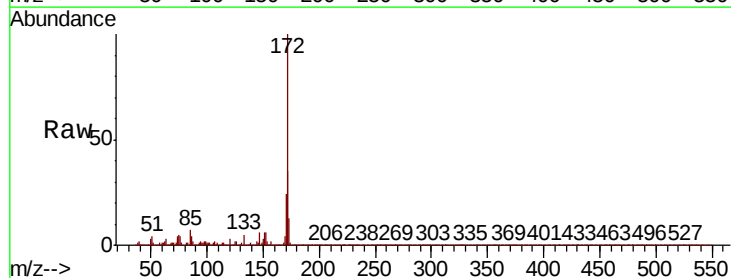


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

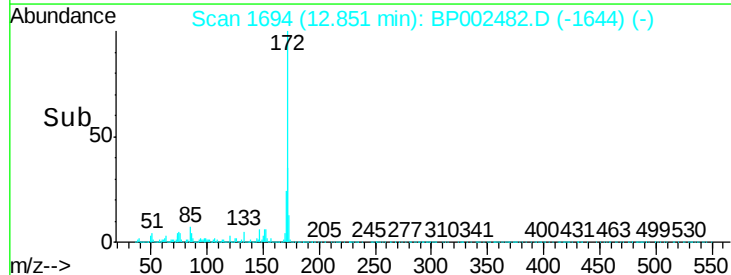
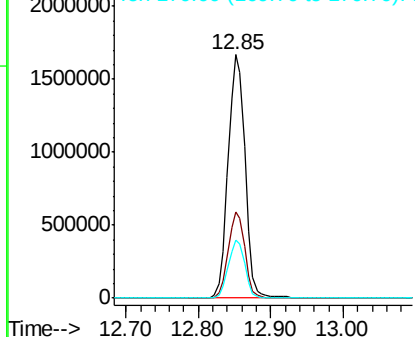


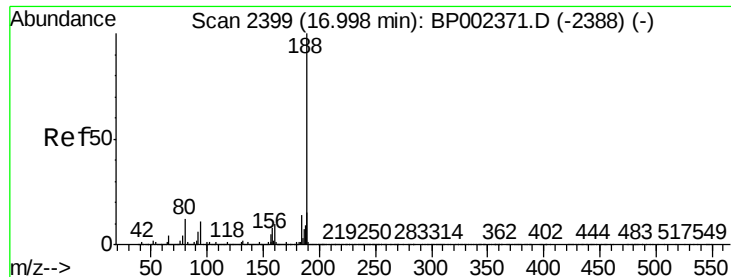
#45
2-Fluorobiphenyl
Concen: 86.349 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002482.D
Acq: 22 Jun 2020 16:21

Tgt Ion:172 Resp: 2711665
Ion Ratio Lower Upper
172 100
171 35.5 27.8 41.8
170 23.7 19.0 28.6



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002482.D

Acq: 22 Jun 2020 16:21

Instrument :

BNA_P

ClientSampleId :

PB129678BL

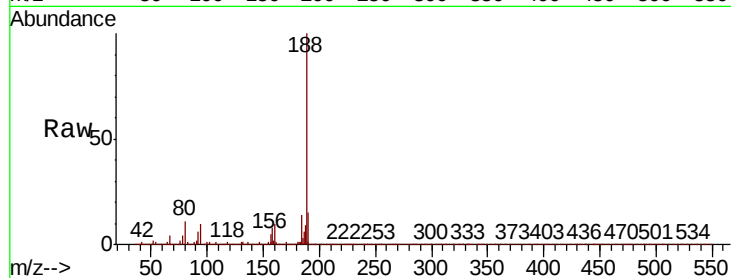
Tot Ion:188 Resp: 1181609

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

80 10.8 9.4 14.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

16.99

800000

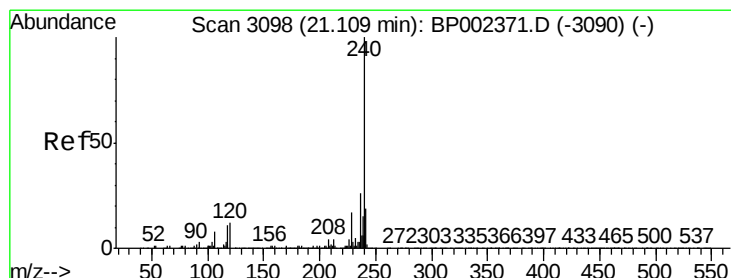
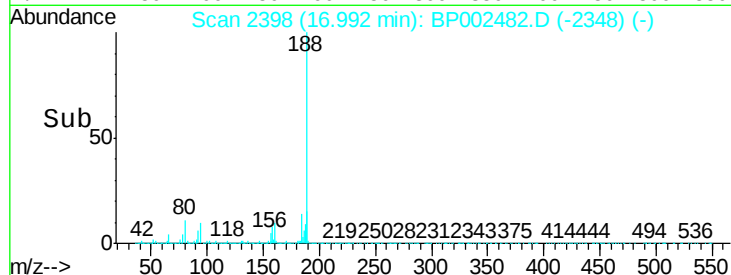
600000

400000

200000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002482.D

Acq: 22 Jun 2020 16:21

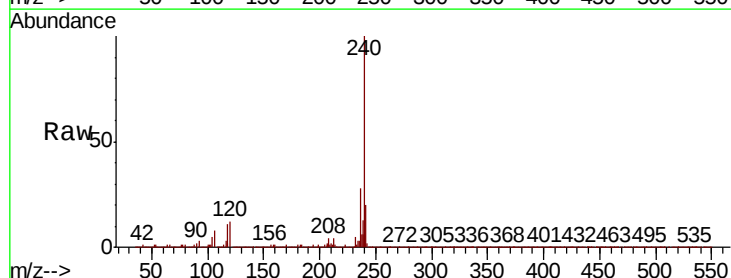
Tgt Ion:240 Resp: 1260049

Ion Ratio Lower Upper

240 100

120 12.0 9.3 13.9

236 27.7 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

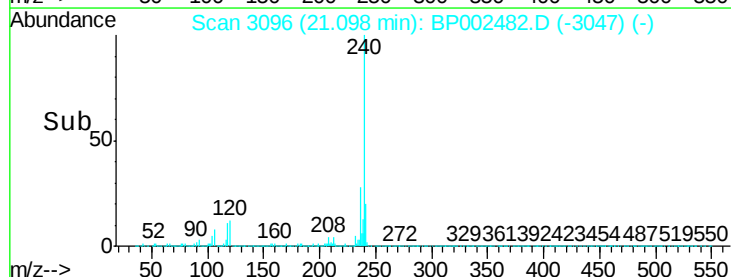
21.10

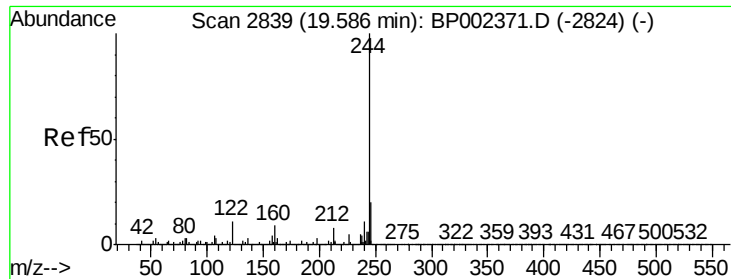
1000000

500000

0

Time-->





#79

Terphenyl-d14

Concen: 86.580 ng

RT: 19.59 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BP002482.D

Acq: 22 Jun 2020 16:21

Instrument :

BNA_P

ClientSampleId :

PB129678BL

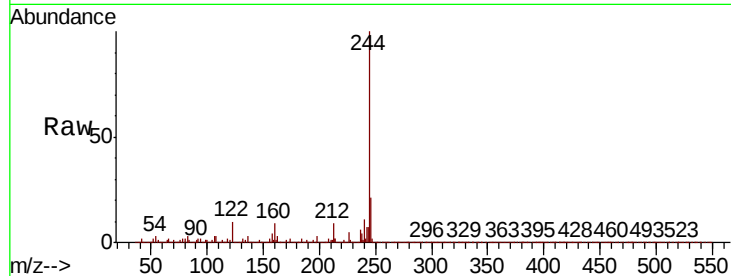
Tot Ion:244 Resp: 4219065

Ion Ratio Lower Upper

244 100

212 8.6 6.6 10.0

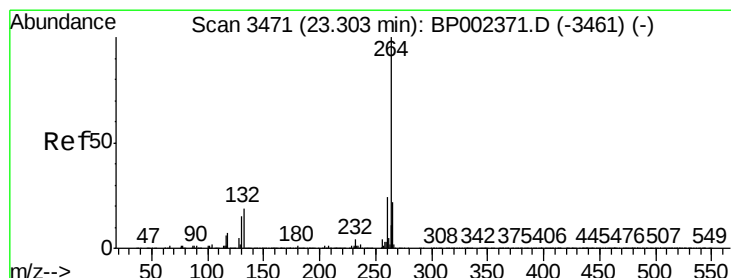
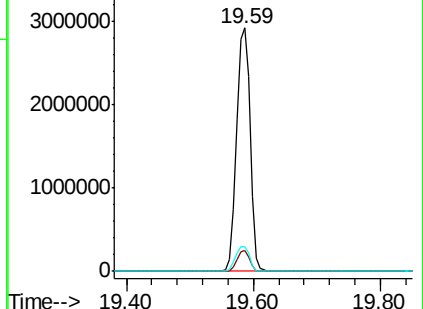
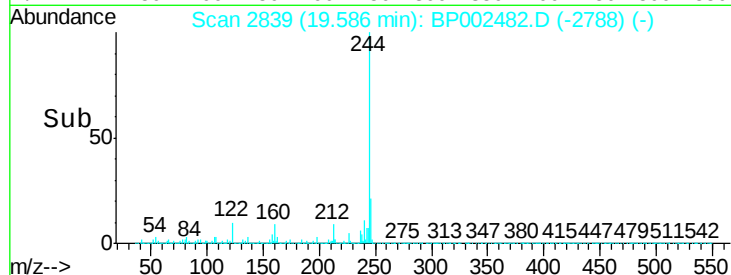
122 10.0 8.8 13.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3471

Delta R.T. 0.00 min

Lab File: BP002482.D

Acq: 22 Jun 2020 16:21

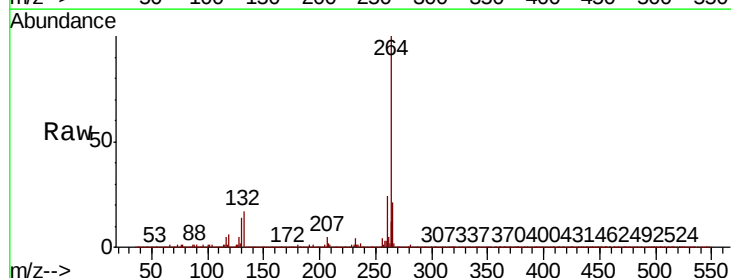
Tgt Ion:264 Resp: 1372385

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.0

265 20.9 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

